

# **LDAC2018**

## **6th Linked Data in Architecture and Construction Workshop**

Proceedings of the 6th Linked Data in  
Architecture and Construction Workshop  
(LDAC 2018)

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(eds)

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The LDAC workshop series provides a focused overview on technical and applied research regarding the usage of semantic web, linked data and web of data technologies for architecture and construction (design, engineering, construction, operation, etc.). The workshop aims at gathering researchers, industry stakeholders, and standardization bodies of the broader Linked Building Data (LBD) community. This includes mainly the participants of the W3C Linked Building Data (LBD) Community Group. The aim of the workshop is to present current developments, coordinate efforts, gather stakeholders, and elaborate use cases.

We are delighted to collect in this volume the papers that were submitted and presented during the 6th Linked Data in Architecture and Construction Workshop. The workshop took place in London, from the 19th until the 21st of June 2018. During these days, the workshop attendees attended the presentations of the six peer reviewed accepted papers out of eight submissions. Furthermore, the workshop included a fruitful technical session, a business case session, and two inspiring invited keynotes:

- “*Linked data and the mainstream: Adventures in standards and burger bars*” by **Ed Parsons** (Google): Some experiences from bringing the rather academic realm of linked data to the conservative world of geospatial information, while trying to get you connected home assistant to tell you where you can get a good burger on a Sunday evening... How linked data can really back a difference!
- “*In a layer cake with five stars on top, where precisely is the Linked (Open) Data special sauce?*” by **Tom Heath** (ARUP): Over the years a number of conceptual models have been proposed to help explain Linked Data and the Semantic Web, and how best to adopt them incrementally. Each of these models speak to different audiences and different objectives, but they rarely make a cost/benefit analysis of Linked Data from a data architectural perspective. If we examine the Linked Data stack dispassionately, where precisely is the special sauce? Which layers are redundant with other technical approaches, where does the cost/benefit analysis not measure up, and where can Linked Data make the biggest impact in the built environment?

## Acknowledgments

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